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BOROUGH OF WORKINGTON.

ANNUAL REPORT

OF THE

Medical Officer of Health,

For the Year 1945

BY

ROBERT W. MACPHERSON
M.D., CH.B., D.P.H.,
Medical Officer of Health.

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WORKINGTON STAR LTD.

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STAFF OF THE PUBLIC HEALTH DEPARTMENT.

ROBERT W. MACPHERSON, M.D., Ch.B., D.P.H.	Medical Officer of Health.
R. E. FLETCHER, M.B., Ch.B.	Deputy Medical Officer of Health. (On Active Service).
T. T. GRAHAM, M.B., Ch.B.	Temporary Deputy Medical Officer of Health.
§*RICHARD JAMES	Chief Sanitary Inspector. Housing and Meat Inspector .
§*STANLEY M. CARRUTHERS	Assistant Sanitary Inspector (Resigned October, 1945).
†PERCY L. LYNN	Assistant Sanitary Inspector (Resigned May, 1945).
JOHN ASKEW	Dental Officer—Maternity and Child Welfare (part-time).
NURSE MORGAN	Health Visitor.
NURSE CAVE	Municipal Midwife.
NURSE MURPHY	Municipal Midwife.
NURSE RICHMOND	Municipal Midwife.
NURSE WILLIAMS	Municipal Midwife.
GEORGE ELLIOTT	Chief Clerk (On Active Service since September, 1939).
MRS. M. ROBINSON	Clerk—Maternity & Child Welfare.
MRS. D. EGGLESTONE ...	Temporary Clerk.
MISS M. KINSELLA	Junior Clerk.
R. J. LESLIE FRASER, M.D., D.O.M.S.	Consulting Ophthalmic Surgeon, Carlisle, for Maternity and Child Welfare.

* Certificate of R.S.I. and Sanitary Inspectors' Joint Board.

§ Certificate of Meat and Other Foods (R.S.I.)

† Certificate of R.S.I.

PUBLIC HEALTH AND MATERNITY AND CHILD WELFARE COMMITTEE.

1944-45.

Alderman L. Casson (Chairman).
The Mayor (Councillor J. Lancaster).
Alderman J. Goss.
,, D. J. Mason.
Councillor A. V. Cattrell.
,, J. R. Davis.
,, A. J. Hunter.
,, Mrs. B. O. McKeating.
,, Mrs. M. A. Smith.
,, W. G. Taylor.
,, L. D. Uhrig.
,, S. Walker.

Mrs. Johnstone
Mrs. Morley
Mrs. Dodd
} *Co-opted Members Maternity and Child Welfare.*

Mrs. E. Appleby, C.C.
Mr. J. J. Adams, J.P., C.A.
} *Co-opted Members from Cumberland County Council.*

Mr. J. R. Cockfield, Town Clerk.

Town Hall,
Workington,
August, 1946.

To the Members of the Public Health and Maternity and Child Welfare Committee.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my Annual Report for the year 1945.

The Vital Statistics are satisfactory. Compared with the previous year there is a slight increase in the general death rate, and on the other hand there is a decrease in the infantile mortality rate.

There have been no deaths from puerperal causes during the last five years.

The prevalence of infectious diseases was slight with the exception of Measles, which was present in epidemic form during the early part of the year.

Due to the shortage of nurses it has not been possible to fill the vacancy of Health Visitor, and temporary staff have been engaged to meet the situation.

The Management Committee of the Workington Infirmary have now in operation a Consultant Medical Service. Specialists on surgery, medicine, ear, nose and throat, ophthalmology, and gynaecology, from Carlisle, visit the Workington Infirmary on certain days, and see patients referred to them by general practitioners. This is a very important service and will be of great assistance to the general practitioners, and great benefit to people in the Workington District.

I wish to record the efficient manner in which the staff of the Health Department have carried out their duties.

I am,
Ladies and Gentlemen,
ROBERT W. MACPHERSON,
Medical Officer of Health.

SECTION A.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

	Birth Rate per 1,000 population.	Death Rate per 1,000 population.	Infantile Mortality Rate per 1,000 live births.
WORKINGTON	16.76	14.47	45.45

Area (in acres) 5,641
Population (R.G.'s Estimate, 1945) 26,250

Vital Statistics.

Births.

	Total.	Males.	Females.
Live Births	440	214	226
Legitimate	402	191	211
Illegitimate	38	23	15

Birth Rate per 1,000 of Estimated Population = 16.76.

Still Births.

	Total.	Males.	Females
Legitimate	22	12	10
Illegitimate	3	2	1
	—	—	—
	25	14	11
	—	—	—

Deaths.

	Total.	Males.	Females.
Deaths	380	206	174

Death Rate per 1,000 of Population = 14.47.

Deaths from Puerperal Causes.

	Deaths.	Rate per 1,000 (live and still births).
Puerperal Sepsis	Nil	Nil
Other Puerperal Causes ...	Nil	Nil

Death Rate of Infants under 1 year of age.

All Infants per 1,000 Live Births	45.45
Legitimate Infants per 1,000 Legitimate Live Births	42.28
Illegitimate Infants per 1,000 Illegitimate Live Births	78.9
Deaths from Cancer (all ages)	52
Measles (all ages)	Nil
Whooping Cough (all ages)	1
Diarrhoea (under 2 years of age)	5

DETAILS OF CAUSES OF DEATHS OF INFANTS UNDER ONE YEAR.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total Under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
Measles	..	..	..	...	...	...	...	...	...	..
Scarlet Fever	..	...	...	...	...	...	...	...	.	...
Whooping Cough	...	...	.	...	...	...		...	...	...
Diphtheria	.	...	...	...	...	...	..	...	..	.
Influenza		...	...	..		...	..	...	...	...
Convulsions	1	...		...	1	.	2	2	1	6
Laryngitis	...	...	...		...	..			..	...
Bronchitis	...	...	...	...		1	1	1		3
Pneumonia	...	...	...	..	...	.	1	...	1	2
Diarrhœa	...	...	...	...	...	...	.	...	..	...
Enteritis	...	...	..	...	...	2	...	...	...	2
Gastritis	...	..	...	...	...	...	...	...	...	...
Suffocation, overlaying	...	...	...	.	...	...	..	...	...	...
Atrophy, Debility and Marasmus	...	...	...	...	...	...	...		...	...
Congenital Malformations	1	1	...	..	2		1	...		3
Premature Birth	2	...	...	1	3	...	...	...		3
Other Causes	...	..	...	...	...	...	..	..	1	1
TOTALS	4	1	...	1	6	3	5	3	3	20

DEATHS OF RESIDENTS IN AGE GROUPS.

	Under 1 Year	1-5	5-15	15-25	25-45	45-65	65 and over	Total
Males	12	7	6	3	25	56	97	206
Females	8	5	3	6	16	38	98	174
Total	20	12	9	9	41	94	195	380

CAUSES OF DEATH OVER 65 YEARS.

CAUSE OF DEATH	65-70	70-75	75-80	80-85	85-90	90 and over	Total
Cerebral Haemorrhage, etc.	7	9	3	6	1	...	26
Heart Disease	12	11	10	4	...	...	37
Cancer	10	13	6	2	...	...	31
Bronchitis	5	4	2	1	...	..	12
Pneumonia	...	...	1	1	...	..	2
Senility	1	5	17	17	16	6	62
Suicide .. .	...	1	...		...	...	1
Other Violence	2	1	..	1	...	...	4
Nephritis ...	...	3	1	...	...	...	4
Tuberculosis	...	..	...	...	...	...	...
Diabetes	1	3		...	...	...	4
Influenza	1	1	...	...	...	...	2
Other Defined Diseases ...	5	2	3	...	..		10
TOTAL ...	44	53	43	32	17	6	195

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Cumberland Pathological and Bacteriological Laboratory, Carlisle.

Blood for Typhoid	1
Sputa for Tuberculosis	57
Swabs for Diphtheria	59
Swabs for C.S.F.	2
Fluid for C.S.F.	4
Urine Examinations	2
Miscellaneous	2
	127

Midwives' Act, 1936.

The following table shows the cases attended during the year:—

	Jan.	Feb.	Mar.	Apl.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec
Midwifery Cases ...	24	9	14	16	15	17	12	18	8	15	17	11
Nursing Visits	493	188	275	245	305	332	212	264	166	258	402	141
Ante-Natal Visits	167	139	158	141	158	157	122	100	98	132	160	104

Total Number of Cases	176
Total Number of Nursing Visits	3,281
Total Number of Ante-Natal Visits	1,636

Medical Examination of Expectant Women.

All uninsured expectant women are medically examined at least once during the expectant period.

	Place of Examination.				Total
	At Home	Dr's Surgery	Clinic	Infirmary	
1st Examination	24	132	104	97	357
2nd Examination	7	22	29	40	98
3rd Examination	2	8	...	4	14
4th Examination	1		...	1	2
	34	162	133	142	471

Findings at Examinations.

Normal Cases	279
Abnormal Cases	78
	357

Recommended for Hospital.

(a) On account of home conditions	19
(b) On account of patient's condition	6
Recommended to have a Doctor at confinement	5
Recommended to have Specialist's opinion	13
Recommended to have X-ray examination	3
Recommended to have dental treatment	30

Summary of Abnormalities found during Ante-Natal Examinations.

Vaginal Discharge	3
Haemorrhage	3
Malpresentation	14
Albuminuria and Oedema	19
Contracted Pelvis	13
Heart Conditions	7
Anaemia	1
Varicose Veins	12
Other Conditions	6
	78

Dental Treatment of Expectant Women.

The number of expectant women who were recommended to have dental treatment was 30, 12 of whom actually received treatment. The 12 who received treatment made 12 attendances at the clinic.

The treatment was as follows:—

Extractions	29
Fillings	—
Other Operations	—

Post Natal.

	Place of Examination.				Total
	At Home	Dr's Surgery	Clinic	Infirmary	
1st Examination	103	3	...	163	269
2nd Examination	10	3	1	1	15
	113	6	1	164	284

Institutional Treatment for Mothers or Children.

The Maternity Ward of the Workington Infirmary admits cases from the Borough.

The particulars of the total admissions for 1945 are as follows:—

No. of cases admitted	330
No. of cases delivered by:—	
(a) Midwives	214
(b) Doctors and Midwives	95
(c) Caesarean Section	7
Average duration of stay in Hospital	10/14 days
Medical help sought by Midwives	86
No. of children wholly breast fed whilst in Maternity Ward	258
No. of Maternal Deaths	Nil

No. of Infants dying within 10 days of birth	5
No. of cases notified as Puerperal Pyrexia	2

Twenty-nine women were admitted to the Maternity Ward under the scheme of reduced charge and the contributions were as follows:—

Admitted Free	3
5/- per week	3
7/6 per week	1
10/- per week	3
15/- per week	5
21/- per week	14
	29

Health Visitors.

The following were the home visits paid by the Health Visitor:—

A.—Visits paid to Infants under 1 year:	
First Visits	417
Total Visits	3,250
B.—Visits paid to Children between 1-5 years	1,552
C.—Expectant Mothers:	
First Visits	26
Total Visits	26

The following shows the amount of Malt Foods issued during the year:—

	Cartons.
Free Issues	253
Sales	762
	1,015

Notification of Births Act, 1907.

There has been no delay in carrying out the provisions of the above Act and notifications have been received within the prescribed time.

No. of Live Births Notified	440
No. of Still Births Notified	25
	465

Births Notified by:—	
(a) Midwives	434
(b) Doctors	—
(c) Doctors and Midwives	31
	465

Orthopaedic Treatment.

The scheme for the treatment of infant cripples continues to give good results. Medical Practitioners are always ready to make use of this scheme by referring cases for treatment.

No. of cases on Register on the 1st January, 1945	27
No. of cases removed from Register:—	
(a) Deformity corrected	6
(b) Left District	3
(c) Transferred to School List	4
(d) Fatal	1
	14
No. of new cases ascertained	15
No. of cases on Register on the 31st December, 1945	28

Of the 28 cases on the Register the causes of crippling conditions were due to:—

Injury at Birth	6
Rickets	9
Congenital Defects	5
Talipes	4

Other Defects	2
Slight Paralysis	2
	28

THE CARE OF PREMATURE INFANTS AND OF ILLEGITIMATE CHILDREN.

Premature Births.

Special care is given to premature births, by midwives and health visitors, and all possible steps are carried out for their care, as suggested in the Ministry of Health Circular 20/44 of the 22nd March, 1944.

In some cases, premature infants born in the Maternity Ward of the Workington Infirmary have remained in the Infirmary for a longer period than the usual 10/14 days. In one or two cases where premature births have taken place at home, the babies have been admitted to the Maternity Ward for care and treatment.

The number of premature infants notified during the year was 16.

Illegitimate Children.

Health Visitors keep a special register of all illegitimate children, and special reports are furnished in all cases. As mentioned in my previous annual report, there is complete co-operation between the Health Visitors and the Social Moral Welfare Officer of the district, so that advice can be given in helping the mother and safeguarding the welfare of the child.

There have been 38 illegitimate children born during the year.

INFESTATION BY HEAD LICE IN CHILDREN UNDER FIVE YEARS OF AGE.

During the year 12 families comprising 22 children were reported. As the result of home visits by the Health Visitor, and treatment carried out, 12 children were cleansed and 10 much improved. The latter number are still being given attention by the Health Visitor.

WAR NURSERIES.

Owing to the small number of children in attendance, Casson Road War Nursery was closed on the 30th November, 1945.

From that date the Nursery was taken over by the Cumberland County Council, with the approval of the Ministry of Health, to be used as a nursery school or ordinary nursery nursing class.

AMBULANCE SERVICE.

New arrangements were made during the year in connection with the Corporation's Ambulance Service.

(a) Approval was given by the National Fire Service for the ambulance to be garaged at the National Fire Station in King Street.

(b) A new agreement for taking calls and driving the ambulance was made with Messrs. Dunn & Sons, Garage Proprietors, Udale Street, Workington. This new arrangement has, so far, worked smoothly and the ambulance service has given complete satisfaction.

There has again been an increase in the number of journeys transferring cases from Workington to hospitals in Carlisle.

During the year the ambulance carried 231 patients and made 218 journeys covering 10,657 miles.

AMBULANCE JOURNEYS.

Carlisle		119
Workington District		72
Whitehaven		23
Maryport		1
Special Journeys outside the Area:—		
South Shields	1	
Shotley Bridge, Durham	1	
Manchester	1	
	—	3
Total ...		218

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

During the year 6 samples of water from different parts of the town were submitted for bacteriological examination. The Bacteriologist reported that one sample of water from the Harrington area contained an excess amount of iron and may be harmful to some persons. This was reported to the Harrington and Distington Joint Water Committee and I received notification from the Clerk of the Board stating that on account of shortage of water due to bursts caused by frost it was not possible to flush this main and consequently a certain amount of deposit would accumulate but with normal flushing the trouble would disappear. One of the samples submitted was spring water from a tap in Old Brewery Yard, Church Road, Harrington, and this water was being used for drinking purposes by the employees of two small workshops. This sample was found to be of excep-

tional purity and a certificate was issued to the occupiers of the factories in accordance with Section 41 of the Factories Act, 1937.

An elevated iron tank to hold 6,000 gallons of water was installed in Ellerbeck Lane during the year. This will augment the supply to houses in the highest part of Ellerbeck Lane.

Refuse Disposal.

During the last few years the condition of the refuse tip at the Cloffocks has been far from satisfactory.

Refuse appears to be dumped anywhere on the tip and there is lack of control tipping.

Street Gullies.

Lately the cleansing of street gullies has not received sufficient attention, resulting in insanitary conditions and flooding.

This may have been due to the labour shortage during the war years, but now that conditions are more normal this matter should receive special attention.

SECTION D.

1. Inspection of Dwelling-houses during the Year:

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 907

(b) Number of inspections made for this purpose 2056

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ..... Nil

(b) Number of inspections made for this purpose Nil

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 2

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects fit for human habitation 905

2. Remedy of Defects during the Year without Service of Formal Notices:

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or other officers 708

3. Action under Statutory Powers during the Year:

(a) Proceedings under Sections 9, 10 and 16 of Housing Act, 1936:

(1) Number of dwelling-houses in respect of which notices were served requiring repairs 37

(2) Number of dwelling-houses which were rendered fit after service of formal notices:

(a) By Owners 37

(b) By Local Authority in default of Owners Nil

(b) Proceedings under Public Health Acts:

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 11

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:

(a) By Owners 10

(b) By Local Authority in default of Owners 1

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:

(1) Number of dwelling-houses in respect of which Demolition Orders were made 2

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders 1

(d) Proceedings under Section 12 of the Housing Act, 1936:

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ..... Nil

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ..... Nil

---

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Particular attention has been paid to this subject, and every possible consideration is given to the salvage of foodstuffs without detriment to the consumers. Whenever possible, condemned foodstuffs are allocated for animal feeding.

Milk Supply.

The number of Milk Producers in the Borough is 20 and the number of Purveyors is 35. On 6 farms within the Borough Accredited Milk is produced under licence from the County Council. Two purveyors are licensed to retail Pasteurised Milk.

During the year 99 samples of milk were submitted to the Bacteriologist for examination, and 36 were declared satisfactory. Of the 63 unsatisfactory samples 9 failed to pass the Bacillus Coli test; 44 the Methylene Blue test; and 10 failed in both tests.

One sample of milk upon examination was found to contain tubercle bacilli, and the Divisional Veterinary Officer of the Ministry of Agriculture and Fisheries was notified for appropriate action.

Meat and Other Foods.

Warehouses, shops, stalls and vehicles have been frequently inspected and generally speaking the various Acts and Regulations have been complied with. Details of foodstuffs condemned, etc., are dealt with in the Report of the Chief Sanitary Inspector.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

General remarks with regard to notifiable diseases during the year :—

Small number of cases of Diphtheria.
Increase in the number of cases of Scarlet Fever.
No cases of Typhoid Fever.
One case of Cerebro-Spinal Meningitis.
Measles in epidemic form during the first half of the year.

Diphtheria.

The number of cases of Diphtheria was 6. 3 were immunised and 3 were not immunised. All the cases were removed to the Isolation Hospital for treatment and there were no deaths from this disease.

Immunisation.

In the Annual Report for 1944 I stated there was only one Health Visitor instead of two. This situation has existed for the last 18 months in spite of repeated efforts on the part of the Corporation to fill this vacancy.

To make matters worse the present Health Visitor is past retiring age and is naturally quite unable to give the time necessary for immunisation and at the same time carry out her health visiting duties. The result is that the Child Welfare Service is not receiving the attention which it requires and as time goes on the position will further deteriorate. With regard to the percentage of children immunised under 5 years the figure instead of increasing has decreased. At the end of the year the percentage under 5 years immunised was 28 per cent.

Scarlet Fever.

There were 60 notifications of Scarlet Fever which was an increase on the previous year's figure. The cases generally were of a mild character and there were no deaths from this disease. Only the cases where the home conditions were very unsatisfactory or where the condition required skilled nursing attention were removed to hospital.

Typhoid Fever.

No case belonging to the Typhoid group was notified during the year.

Cerebro-Spinal Meningitis.

One case of Cerebro-Spinal Meningitis occurred. This was a man aged 58 who developed sudden illness, with symptoms of severe headache, temperature and stiffness of lower limbs. He was removed to the Isolation Hospital where the diagnosis was confirmed. After a period of hospital treatment the patient completely recovered. There was, however, another case of Cerebro-Spinal Meningitis of a Norwegian who took ill on board a ship in the Workington Dock. This man was admitted to Ellerbeck Hospital and died the same day.

Whooping Cough.

There were several cases of whooping cough during the year—in all 30 notifications were received. Two deaths were registered from this disease.

Measles.

Measles continued in epidemic form during the first half of the year. 322 cases were notified. Fortunately the illness was of a mild type and pneumonia complications were few resulting in no deaths from this disease.

Ophthalmia Neonatorum.

Two notifications of Ophthalmia Neonatorum were received. Both were seen by the Ophthalmic Surgeon who advised the line of treatment to be adopted. After a period of treatment the eye conditions completely cleared up.

The following table shows the number of deaths from Cancer according to age and sex distribution:—

CANCER.

Age Group.	*Males.*	*Females.*	*Total.*
30—40 years	—	1	1
40—50 years	3	2	5
50—60 years	6	3	9
60—70 years	8	10	18
70—80 years	4	13	17
80—90 years	2	—	2
Total ...	23	29	52

LOCALISATION OF DISEASE IN CANCER DEATHS.

	M.	*F.*	*Total.*
Cancer of Mouth and Oesophagus	6	—	6
Cancer of Uterus	—	2	2
Cancer of Stomach and Duodenum	3	7	10
Cancer of Breast	—	3	3
Cancer of all other sites	14	17	31
			52

NOTIFIABLE DISEASES IN AGE GROUPS AND WARDS during the year.

DISEASE.	AGE PERIODS												WARDS.							Total Cases Notified.	Removed to Hospital	Deaths.
	Under 1 year	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	65 and over.	St. John's North	St. John's South	St. Michael's West	St. Michael's East	Seaton Ward	South Ward	Harrington Ward			
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	1	—	1	3	—	—	—	1	—	—	—	—	1	1	—	1	1	2	6	5	—
Scarlet Fever ..	—	—	3	8	10	22	13	3	—	1	—	—	7	6	9	7	6	20	5	60	42	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	1	3	—	—	—	—	—	—	1	—	2	1	4	3	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	1	—	—	1	—	—	—	2	—	—	—	—	2	1	1
Pulmonary Tuberculosis ..	—	—	—	—	—	3	3	8	15	7	3	—	4	2	7	4	3	13	6	39	19	20
Non-pulmonary Tuberculosis	—	1	2	—	1	3	2	2	3	1	—	—	—	1	—	—	1	11	2	15	1	9
Chickenpox	2	7	8	2	8	12	6	2	1	—	—	—	7	4	4	4	1	23	5	48	—	—
Erysipelas	—	—	—	—	—	—	—	—	3	5	9	2	2	1	4	2	—	7	3	19	—	—
Ophthalmia Neonatorum	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	2	—	—
Pneumonia	—	1	—	—	1	—	—	—	2	1	1	3	1	—	3	—	2	1	2	9	—	11
Dysentery	—	—	—	—	1	—	—	—	1	—	—	—	—	2	—	—	—	—	—	2	—	—
Measles .	13	36	44	43	75	106	4	—	1	—	—	—	13	41	80	29	62	88	9	322	—	—
Whooping Cough .	3	5	3	4	6	7	—	1	—	1	—	—	—	2	9	5	4	7	3	30	—	1

Tuberculosis.

Deaths from all forms of Tuberculosis were as follows:—

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 ...	...	...	...	...	...	...	1	...
1—5 ...		...	2	2	...	...	...	1
5—10 ...	3	1	1	1	...	..	..	...
10—15 ...	2	2	1	1	...	...	1	3
15—20 ...	3	4	2	1	2	1	...	...
20—25 ...	4	1	1	...	2	3	...	...
25—35 ..	4	5	2	1	...	2	1	...
35—45 ...	6	1		...	5	2	1	...
45—55 ...	2	...	...	...	1	...	...	..
55—65 ...	1	...	...	...	2	...	1	...
65 & over.	...	.	...	...	...		...	...
Total	25	14	9	6	12	8	5	4

DEATHS FROM TUBERCULOSIS IN THE VARIOUS WARDS.

	St. John's North	St. John's South	St. Michael's West	St. Michael's East	South Ward	Seaton Ward	Harrington Ward	TOTAL
Pulmonary Tuberculosis	2	...	5	2	8	...	3	20
Non-Pulmonary Tuberculosis	...	...	...	...	7	1	1	9

The following table shows the number of Tuberculosis cases on the Register December 31st, 1945:—

PULMONARY.			NON-PULMONARY.			Total Cases on Register.
Males.	Females	Total	Males	Females	Total	
94	58	152	27	39	66	218

SANATORIUM TREATMENT.

	In Institutions 1st. Jan. 1945.	Admitted.	Discharged	Died.	In Institutions 31st Dec. 1945.
Pulmonary Cases—					
Adult Males ...	6	10	8	3	4
Adult Females	7	8	11	3	2
Children ...	...	1	...	...	1
Non-Pulmonary Cases					
Adult Males ..	...	1	1	..	...
Adult Females ...	...	...	..	...	...
Children ..	...	...	...	...	...
TOTAL ...	13	20	20	6	7

SANITARY INSPECTION OF THE AREA.

Annual Report of the Sanitary Inspector for the Year 1945.

To R. W. Macpherson, Esq., M.D., D.P.H., Medical Officer of Health.

Sir,

I herewith submit the following statement showing the number and nature of inspections, etc., during the year 1945, also the number of notices served and the various items dealt with:—

General Inspections	2,504
Inquiries re Infectious Diseases, Disinfection of Premises, etc.	170
Testing Drains	192
Cinemas	47
Social Clubs and Hotels	14
Schools	41
Factories	121
Bakehouses	65
Offensive Trades	54
Stables and Piggeries	37
Rat Infested Premises	253
Verminous Premises	124
Lodging Houses	9
Houses Let in Lodgings	11
Fish and Chip Shops	47
Shops Visited re Shops Act	31
Food and Drugs Act	127
Shops Visited re Meat and other Foods	119
Market Stalls and Carts	2
Cowsheds and Dairies	129
Ice Cream	35
Caravans	42
Interviews with Owners, Tradesmen, etc. ...	235

Revisits	1,408
Samples of Milk taken for Bacteriological Examination	99

Notices Served.

Informal Notices	907
Statutory Notices	48

At the end of the year 151 informal notices remained to be dealt with.

The attention of the Borough Surveyor has been called to the following defects:—

Choked Sewers or Street Gullies	11
Waste or Poor Pressure of Water, Defective Stop Taps, etc.	24

Summary of Works Executed.

Drainage, etc.:—

Drains relaid	21
Cleansed or repaired	40
New gullies fixed	21
Cleared by vacuum pump free of cost to owner	81
New sinks fixed	17
Waste pipes renewed or fixed	12

Water Closets:—

Repaired or cleansed	12
Cisterns repaired or renewed	78
Service pipes repaired	485
New basins fixed	19
Flush pipes renewed	5
Leaking joints repaired	27
Seats repaired or renewed	21
Doors repaired or renewed	24
Floors repaired or renewed	10
Cleansed or limewashed	14
New traps fixed	15

Houses :—

Roofs repaired	85
Chimneys repaired	5
Spouts cleansed or renewed	43
Window frames repaired or renewed	9
Sashcords renewed	21
Ceilings repaired or renewed	27
Exterior walls remedied of dampness ...	4
Interior walls remedied of dampness	9
Wall plaster remedied	36
Kitchen ranges repaired	21
Insufficient water supply	24
Floors repaired or renewed	21
Accumulations removed	5
Dirty premises	14
Washing Boilers renewed	16

Verminous Premises.

Owing to the presence of vermin (bugs, fleas, etc.) 43 houses were disinfested by this Department. The number of Council houses found infested by bugs was 8; other houses 21.

The disinfestation methods employed are the same as outlined in a previous report.

Inspection of Foodstuffs.

A regular inspection has been made of all premises where food is prepared, stored or sold. The following foodstuffs were found unfit for human consumption :—

Fish (56½ stones).	Beef (113½ lbs.).
Mutton (55 lbs.).	Pork (97 lbs.).
Offal (74 lbs.).	Sausage (25 lbs.).
Bacon (69 lbs.).	Ham (25½ lbs.).
Cheese (92 lbs.).	Margarine (31 lbs.).
Butter (124½ lbs.).	Crumpets (218).
Biscuits (39 lbs.).	Confectionery (27½ lbs.).
Cereals (94 stones).	Sausage Meal (43 stones).
Canned Meat (293 tins).	Canned Fish (152 tins).
Canned Vegetables 177 tins).	Canned Fruit (10 tins).
	Canned Milk (232 tins).

Canned Jam (28 tins).
Canned Soups (13 tins).
Fish and Meat Pastes (4 jars).
Vegetables (290 stones).
Pickles, Sauces, etc. (271 bottles).
Dried Fruits (297 lbs.).
Cake and Pudding Mixtures (633 packets).

(Signed) RICHARD JAMES,
Chief Sanitary Inspector.

REGISTRAR-GENERAL'S TABLE OF DEATHS IN WORKINGTON AREA, 1945.

	Males.	Females.
Cerebro-Spinal Fever	1	—
Typhoid and Paratyphoid Fever	—	—
Scarlet Fever	—	—
Whooping Cough	1	—
Diphtheria	—	—
T.B. of Respiratory System	13	7
Other Forms of Tuberculosis	4	5
Syphilitic diseases	1	—
Influenza	2	3
Measles	—	—
Ac. polio-myel and polio-enceph.	—	—
Ac. inf. enceph.	—	—
Cancer of buc. cav. and oesoph.	6	2
Cancer of stomach and duodenum	3	7
Cancer of breast	—	3
Cancer of all other sites	14	17
Diabetes	2	2
Intra-cranial vascular lesions	12	15
Heart disease	43	39
Other diseases of circulatory system	2	4
Bronchitis	14	7
Pneumonia	4	7
Other respiratory diseases	5	1
Ulcer of stomach or duodenum	7	—
Diarrhoea under 2 years	4	1
Appendicitis	—	1

Other digestive diseases	7	6
Nephritis	3	5
Puerperal and post-abort. sepsis	—	—
Other maternal causes	—	1
Premature birth	1	2
Congenital malformation: birth injury; infant diseases	5	3
Suicide	1	—
Road traffic accidents	5	—
Other violent causes	5	4
All other causes	41	32
All Causes	206	174